

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

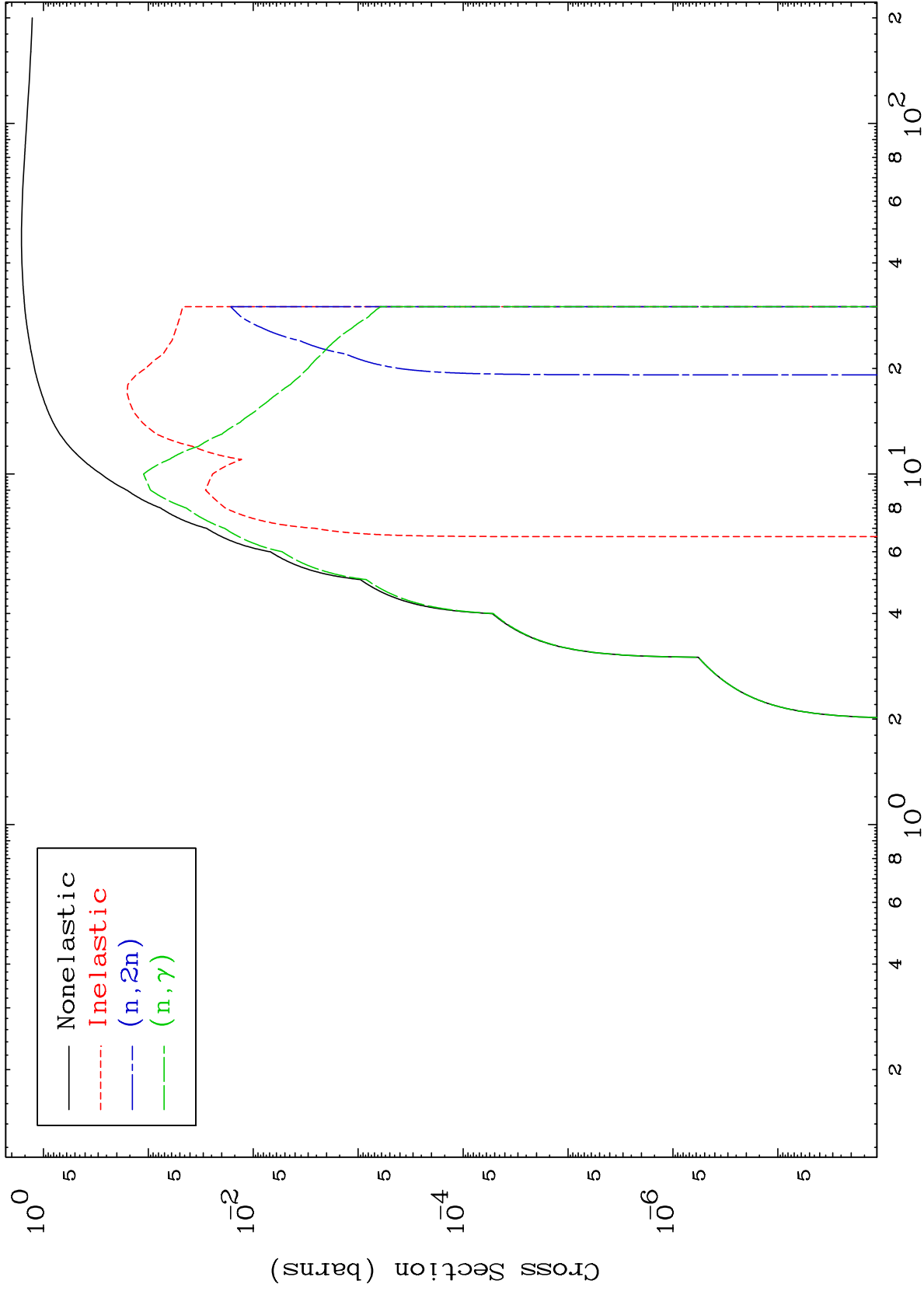
Press Mouse Button to Start

MAT 6480

Proton Major

65-Tb-144

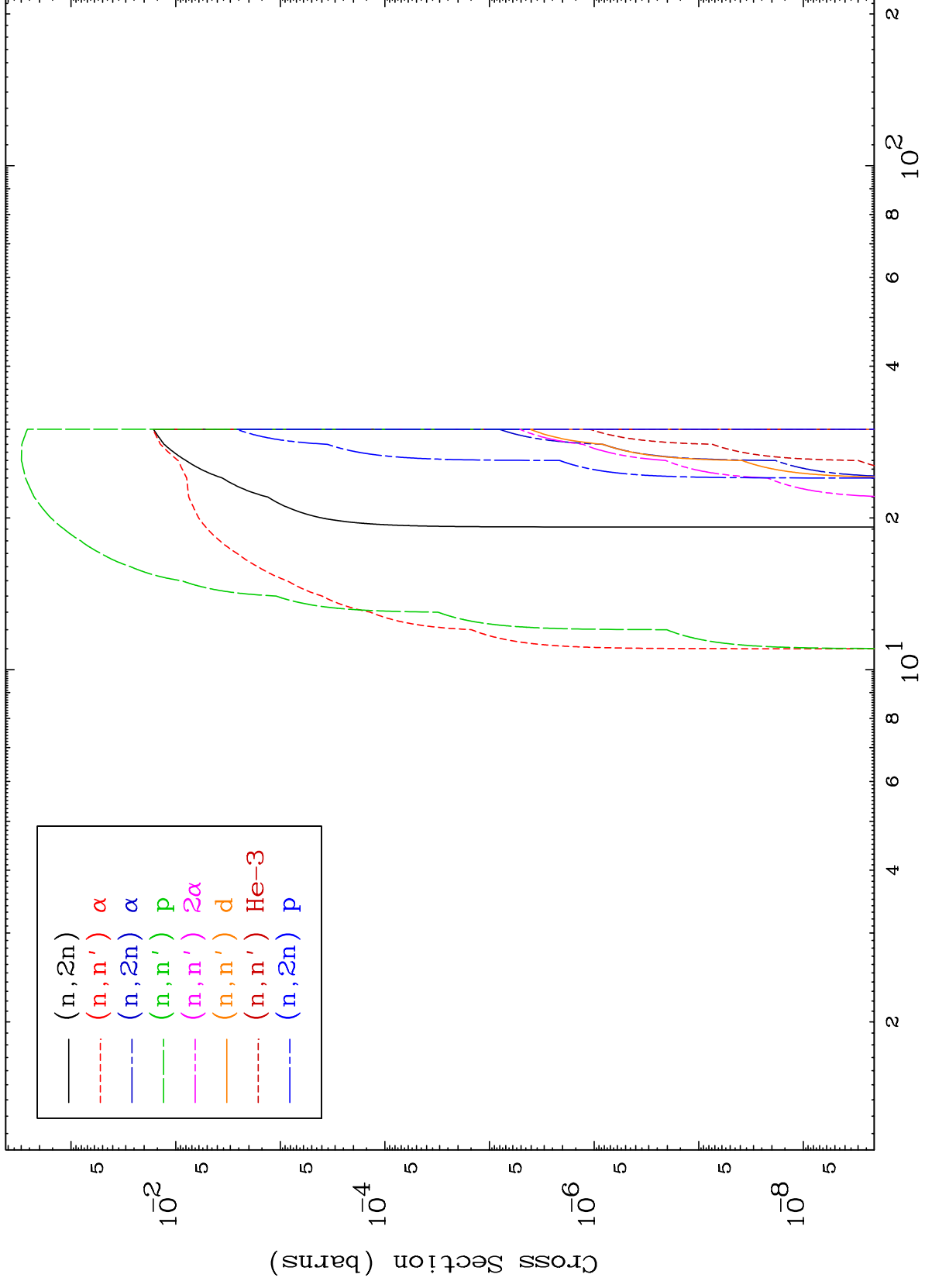
0 Kelvin Cross Sections



MAT 6480

Proton Neutron Absorption  
0 Kelvin Cross Sections

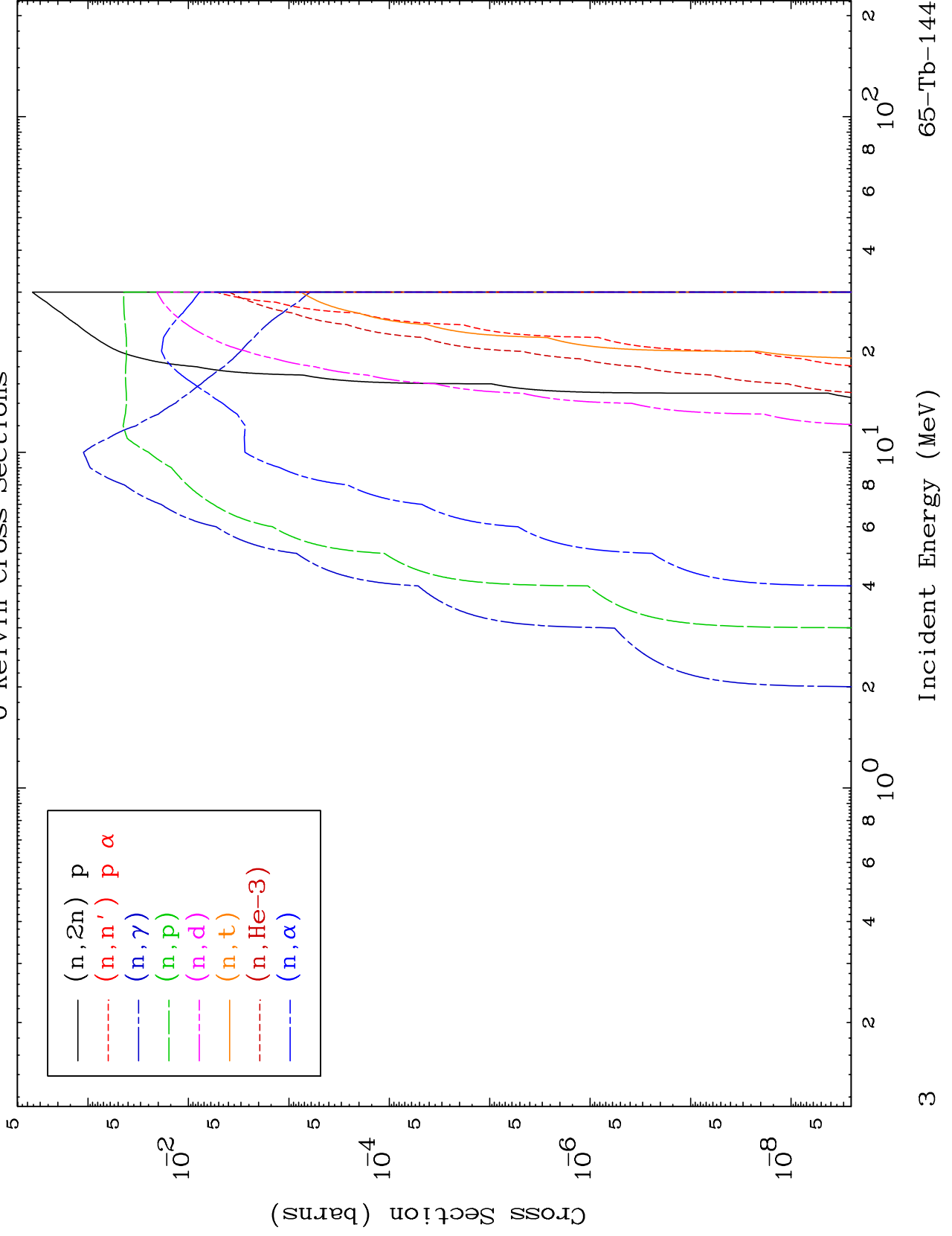
65-Tb-144



MAT 6480

Proton Neutron Absorption  
0 Kelvin Cross Sections

65-Tb-144

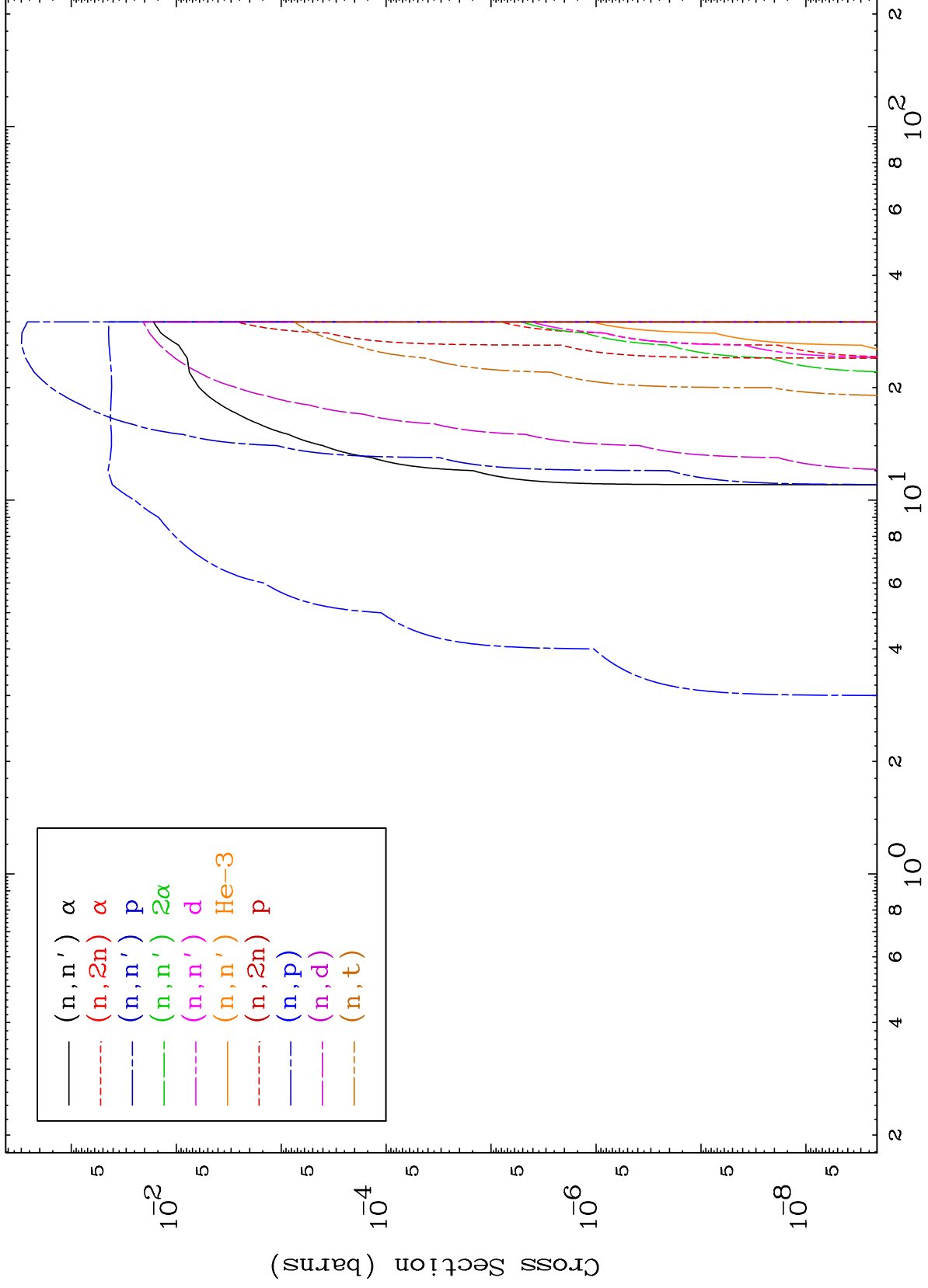




MAT 6480

Proton Charged Particle  
0 Kelvin Cross Sections

65-Tb-144



5

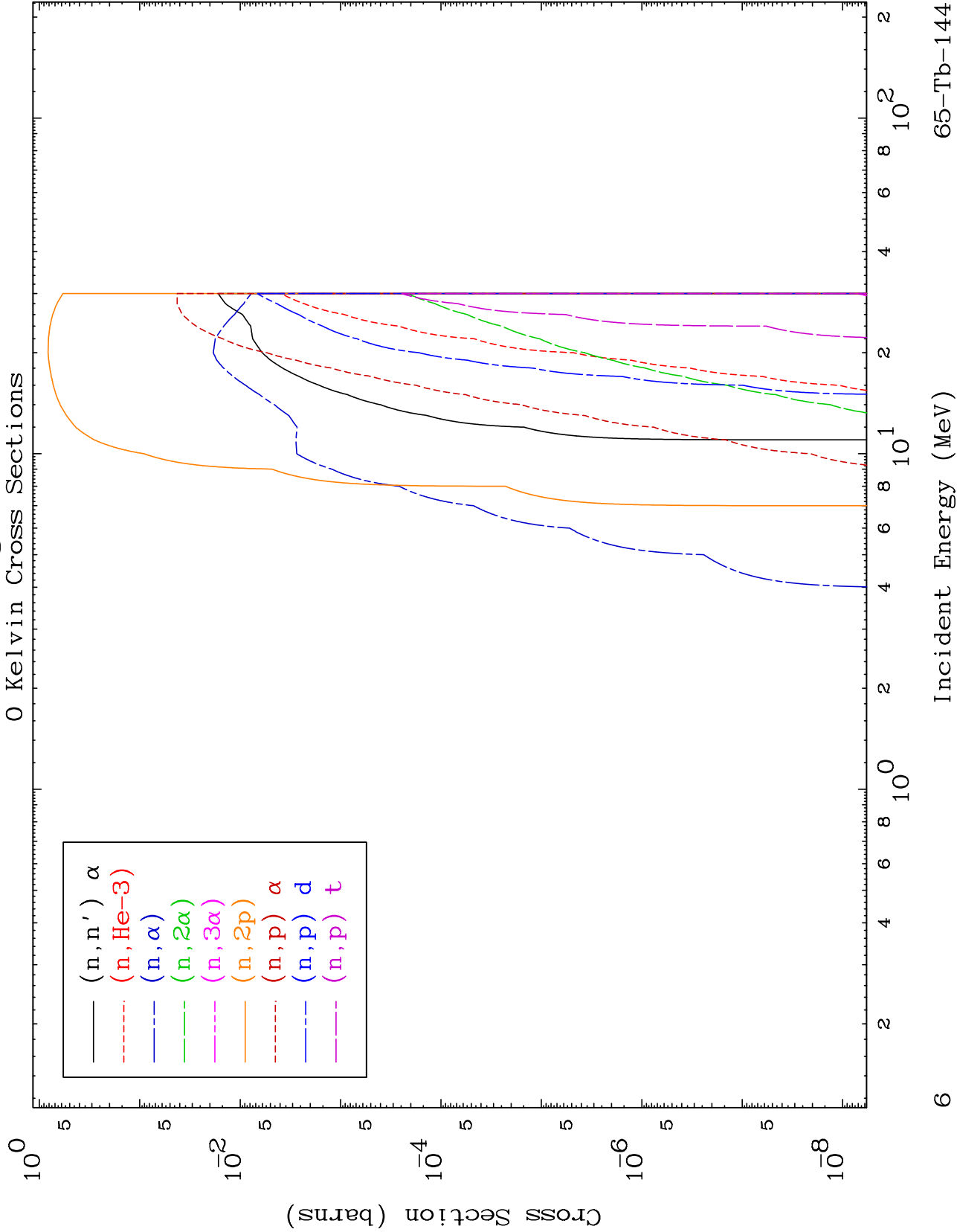
Incident Energy (MeV)

65-Tb-144

MAT 6480

Proton Charged Particle  
0 Kelvin Cross Sections

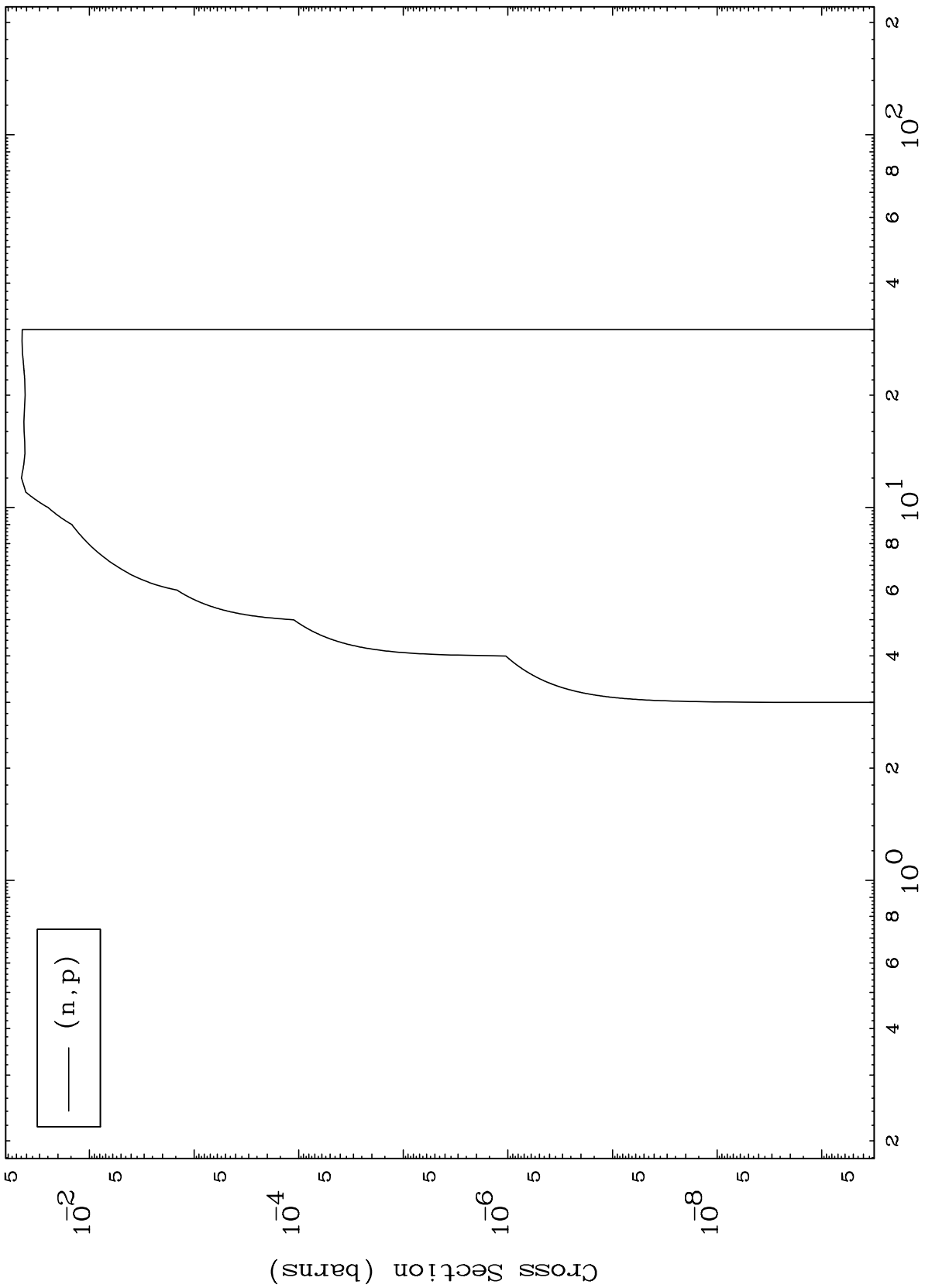
65-Tb-144



MAT 6480

65-Tb-144

(p,p) Levels  
0 Kelvin Cross Sections



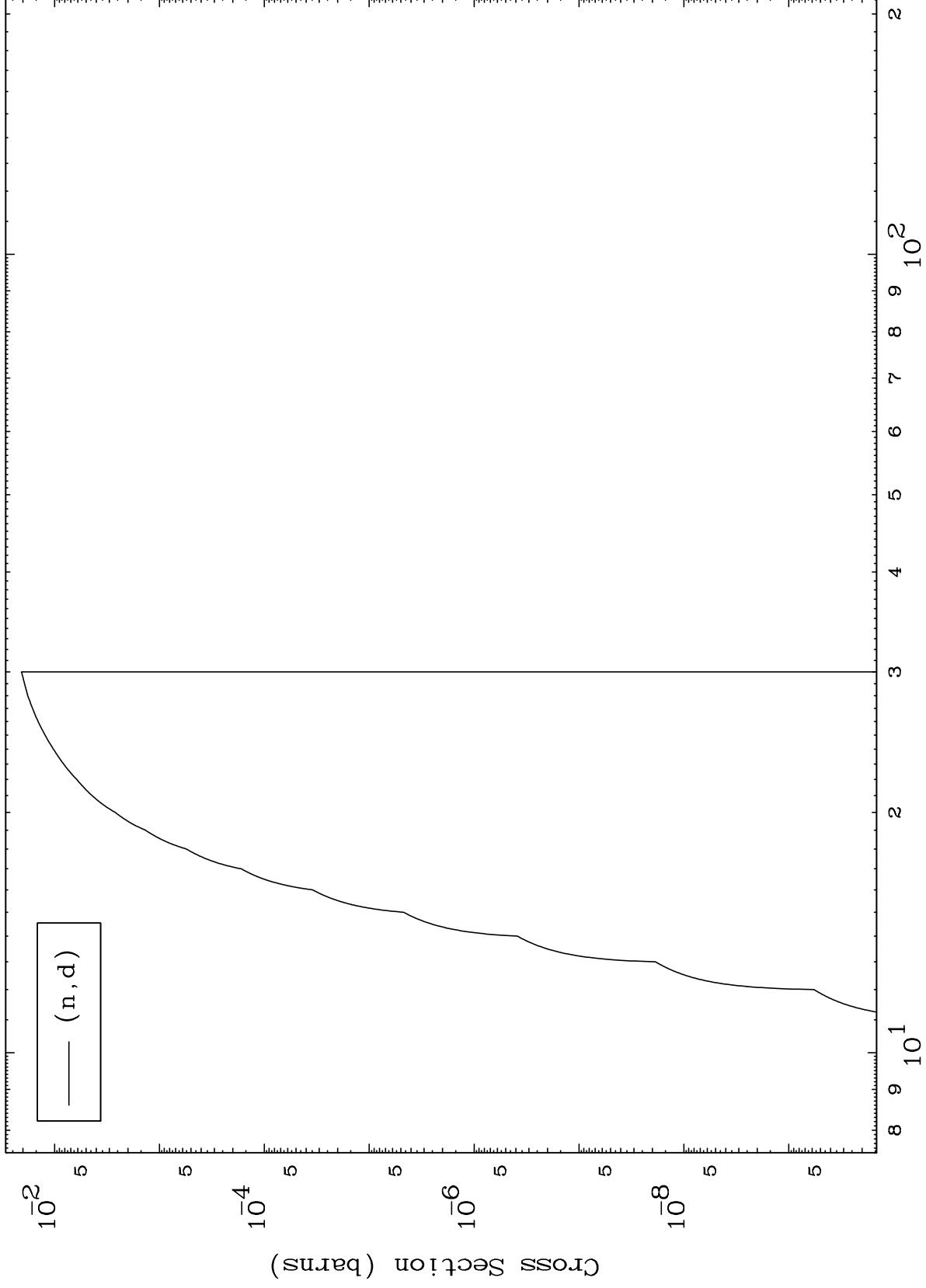
65-Tb-144

Incident Energy (MeV)

MAT 6480

(p,d) Levels  
0 Kelvin Cross Sections

65-Tb-144



8

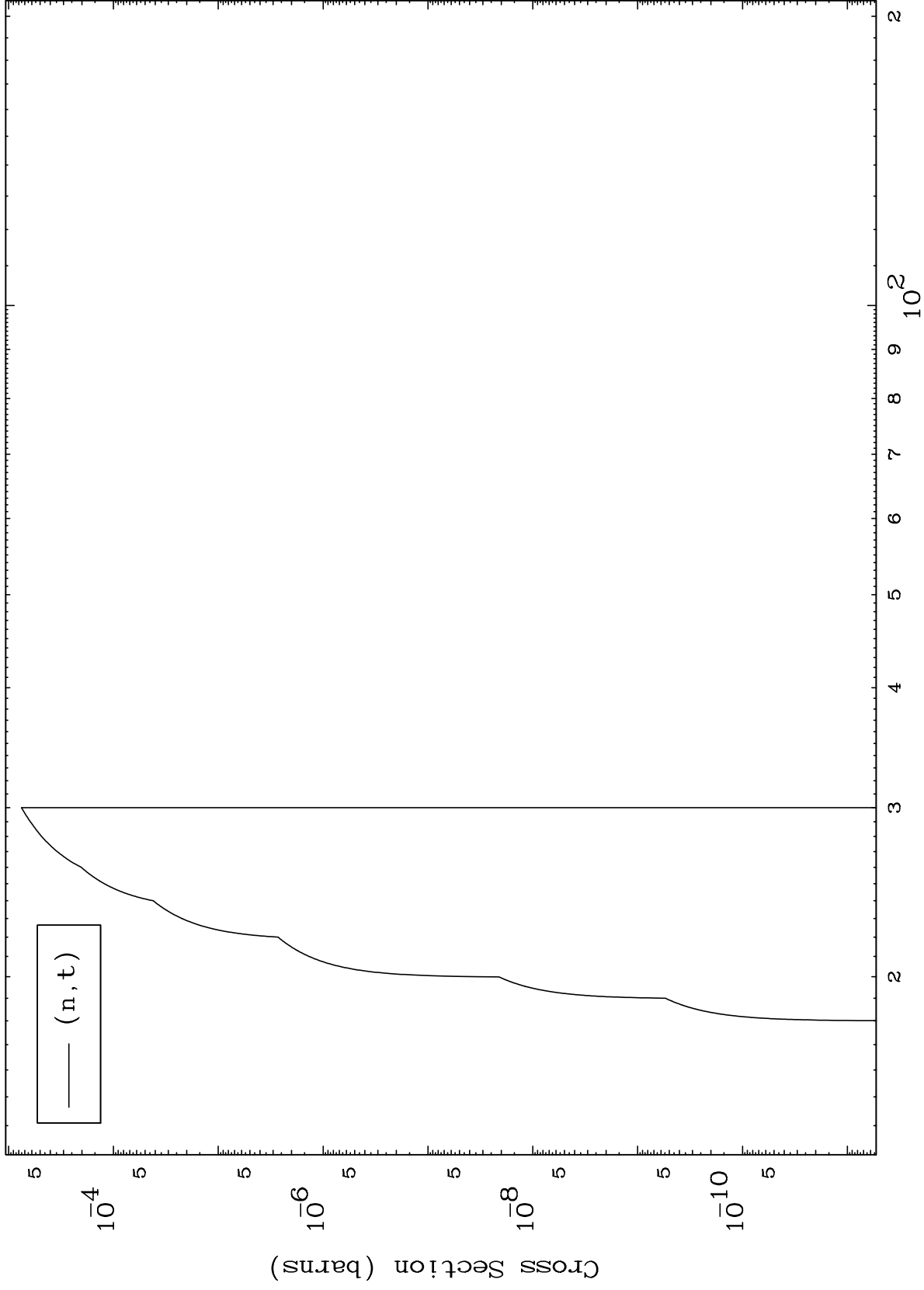
Incident Energy (MeV)

65-Tb-144

MAT 6480

(p,t) Levels  
0 Kelvin Cross Sections

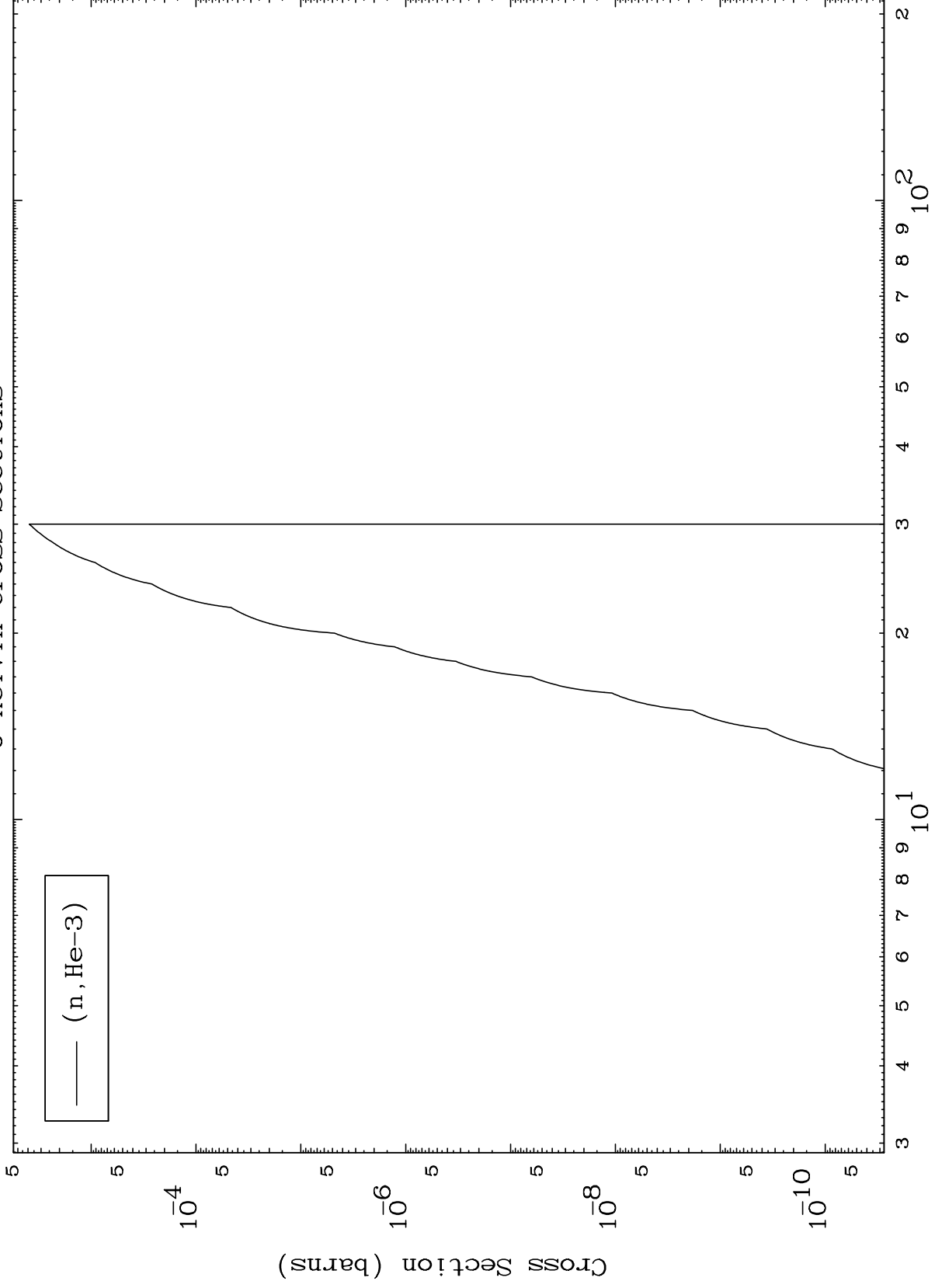
65-Tb-144



MAT 6480

(p,He3) Levels  
0 Kelvin Cross Sections

65-Tb-144



10

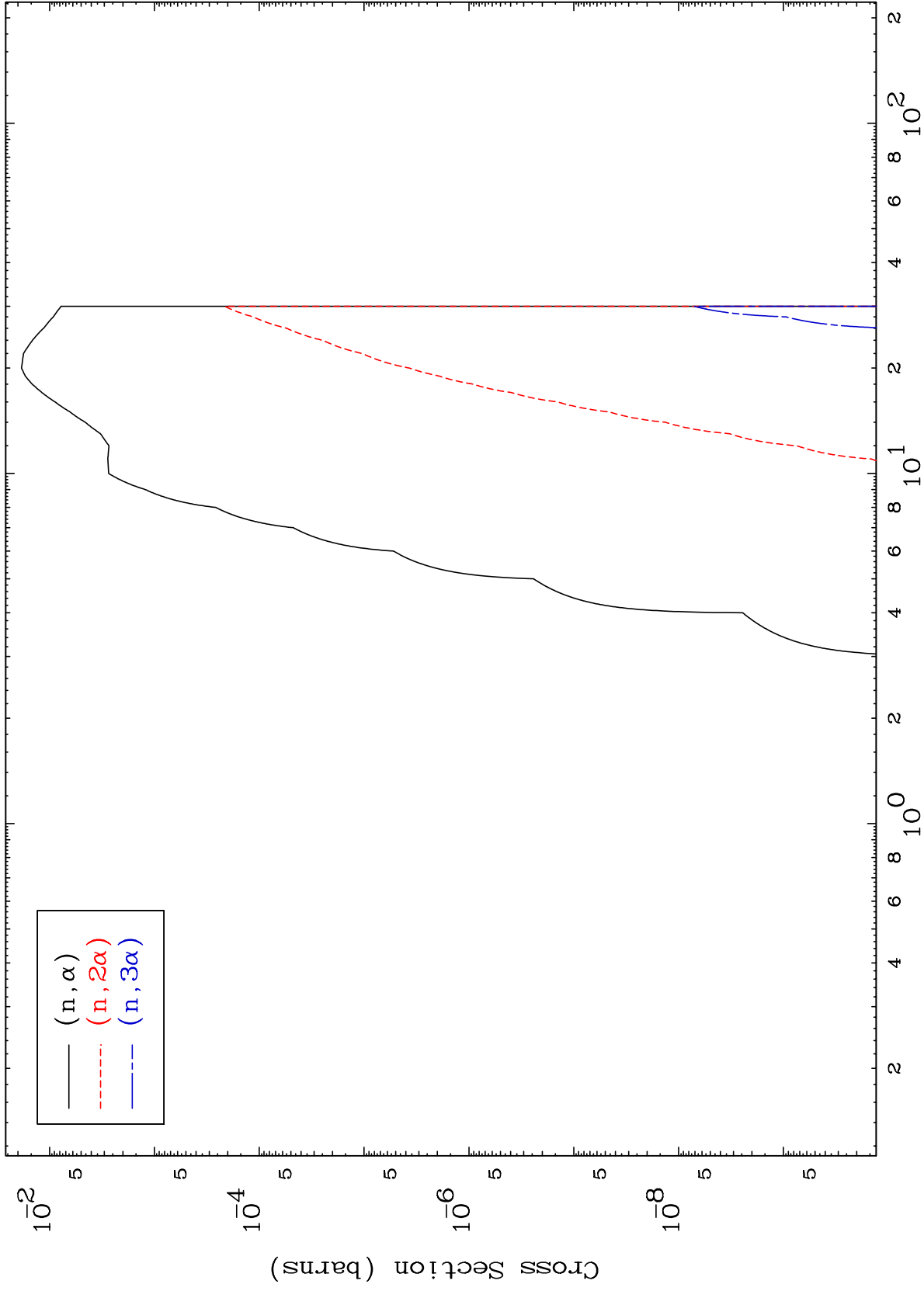
Incident Energy (MeV)

65-Tb-144

MAT 6480

(p,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

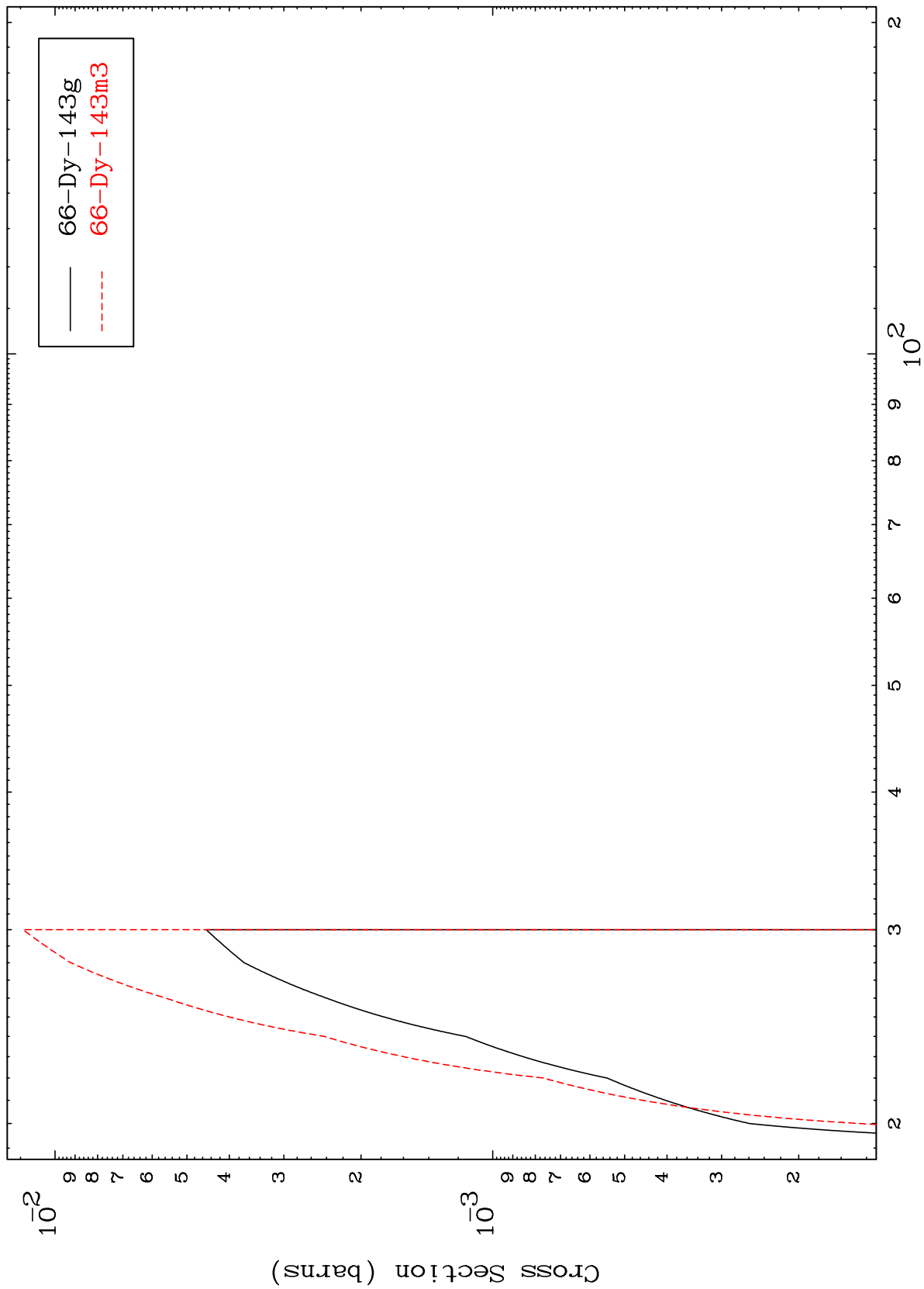
65-Tb-144



MAT 6480

65-Tb-144

(n,2n)  
Radionuclide Production Cross Section



65-Tb-144

Incident Energy (MeV)

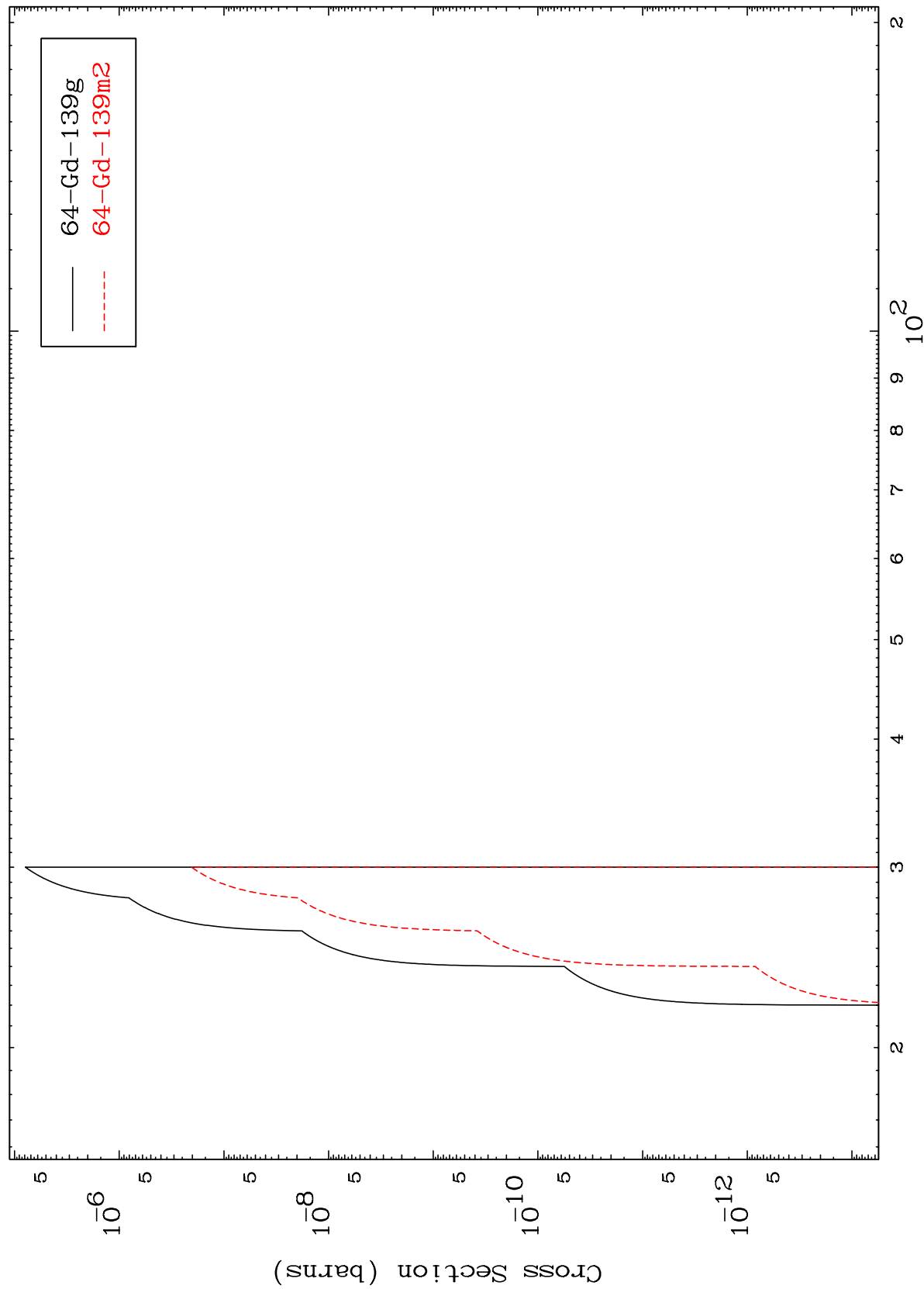
12

MAT 6480

(n,2n)  $\alpha$

65-Tb-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

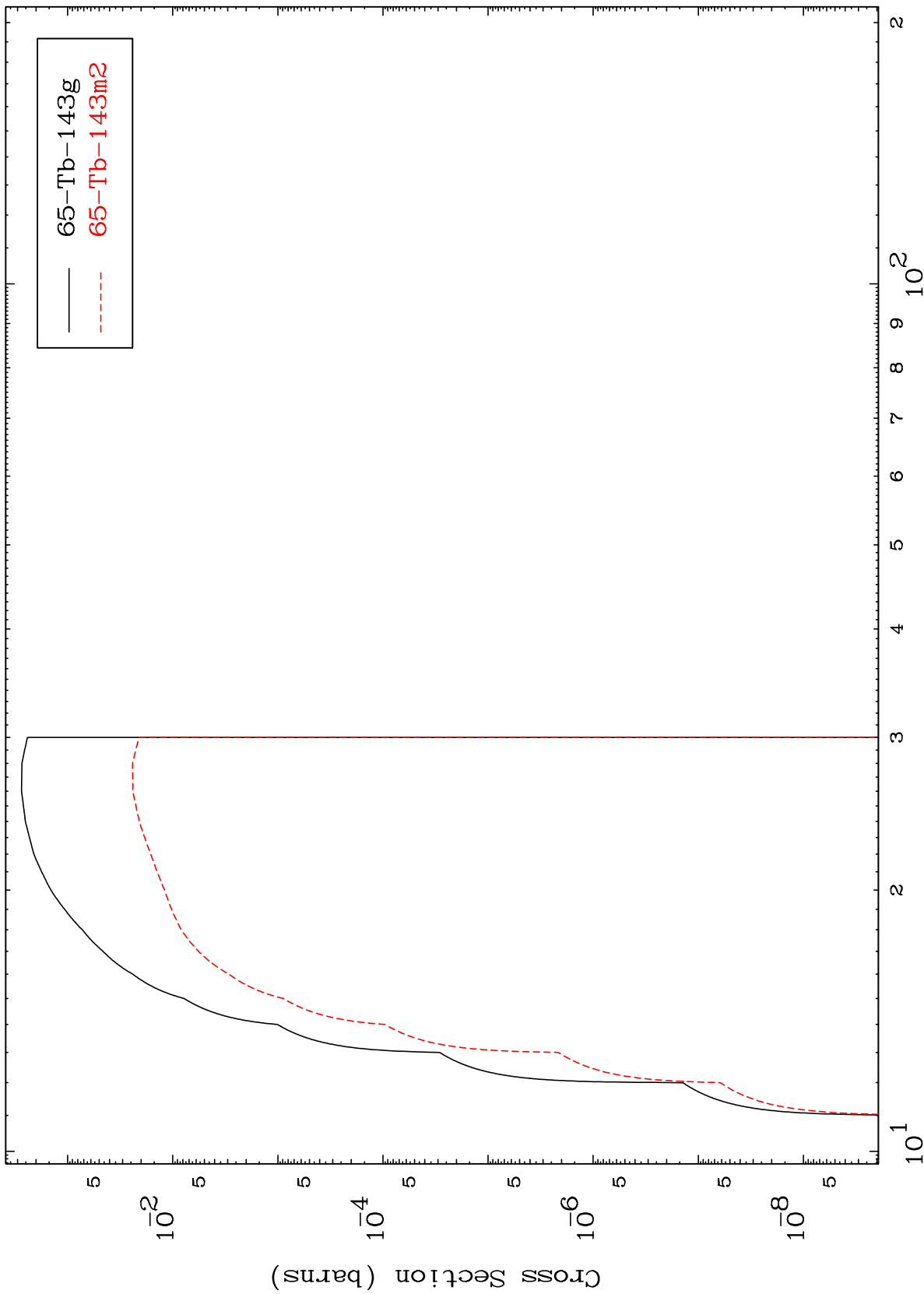
65-Tb-144

MAT 6480

(n,n') p

65-Tb-144

Radionuclide Production Cross Section



10<sup>1</sup>

Incident Energy (MeV)

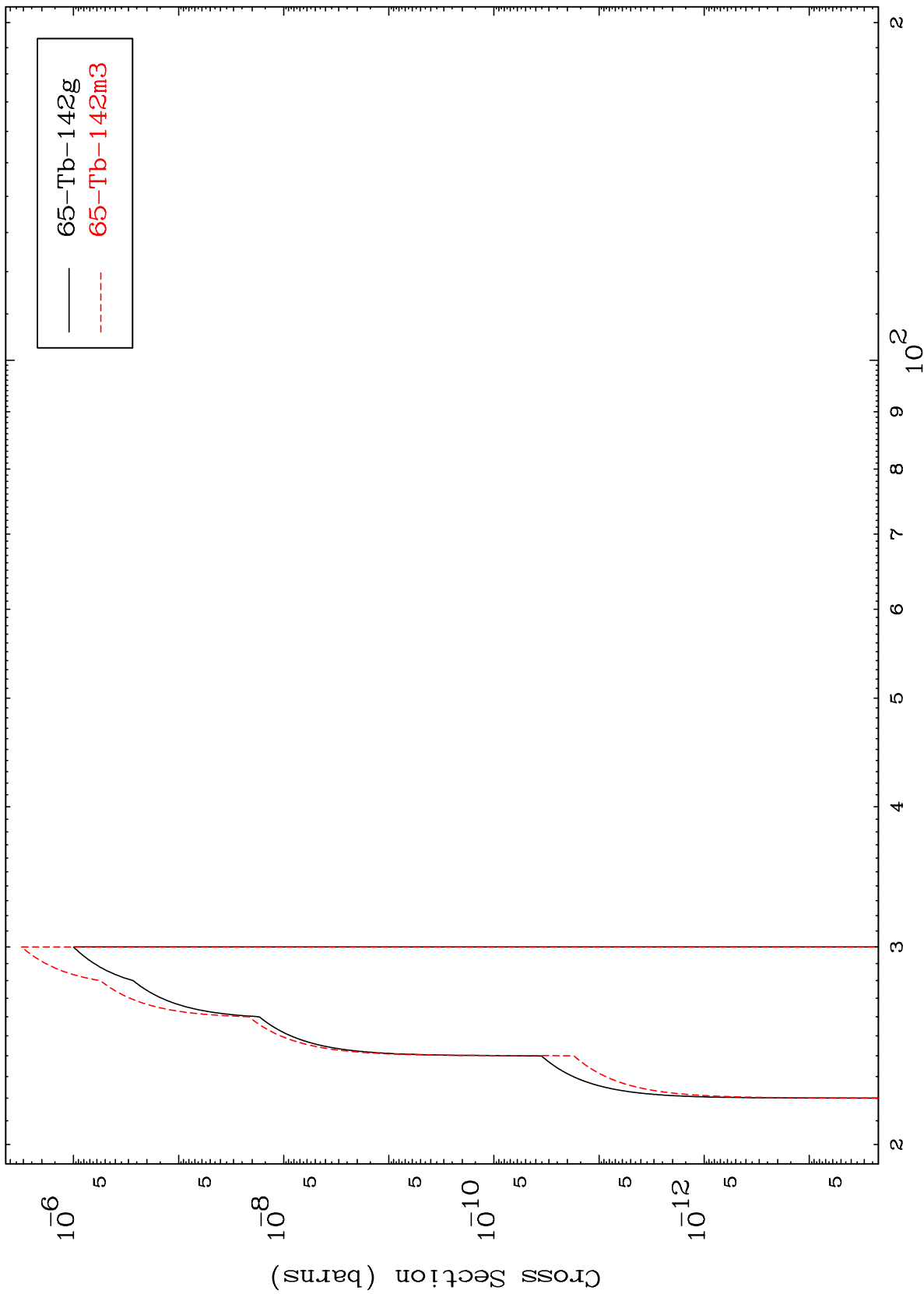
65-Tb-144

MAT 6480

(n,n') d

65-Tb-144

Radionuclide Production Cross Section



15

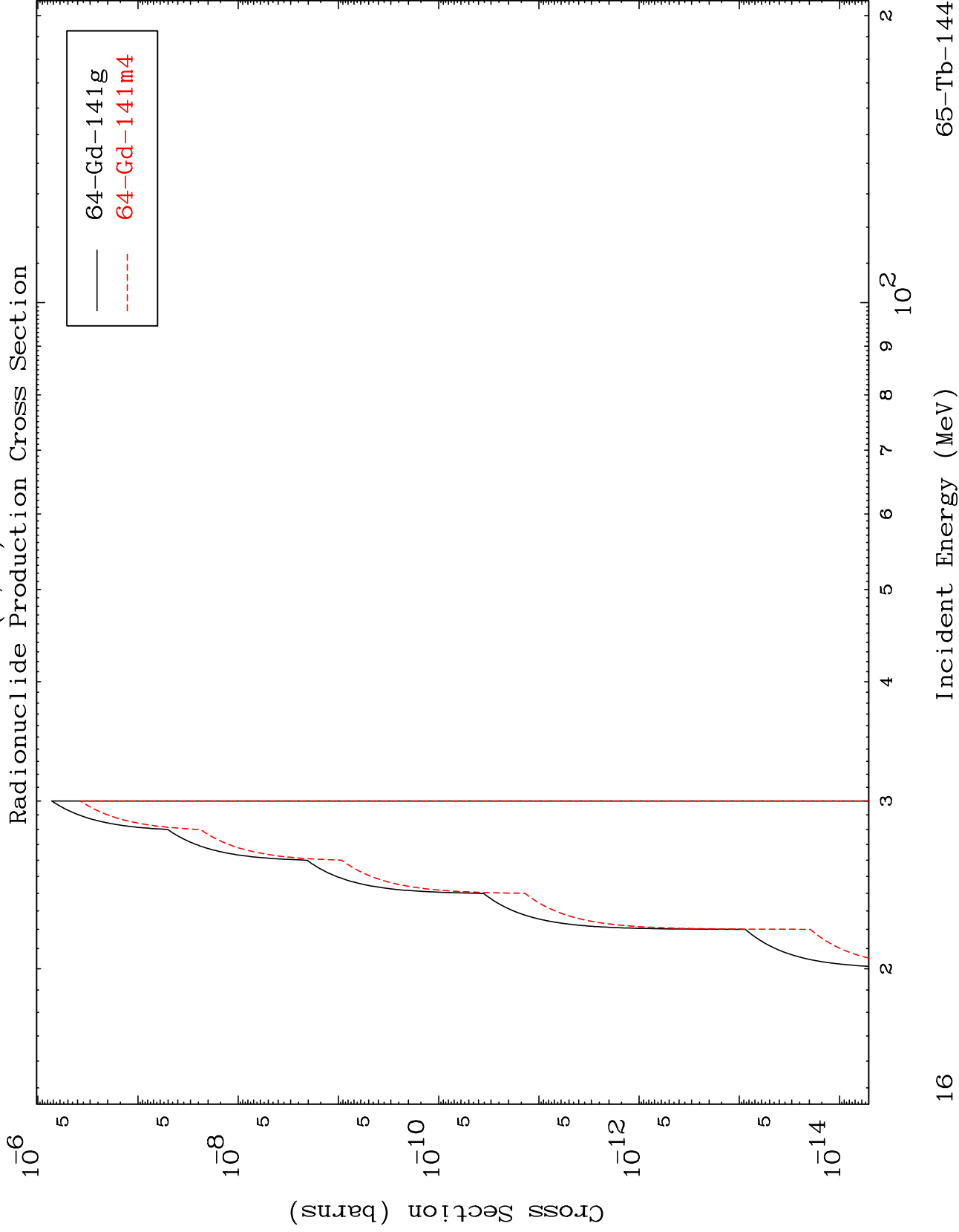
Incident Energy (MeV)

65-Tb-144

MAT 6480

(n,n') He-3

65-Tb-144



16

Incident Energy (MeV)

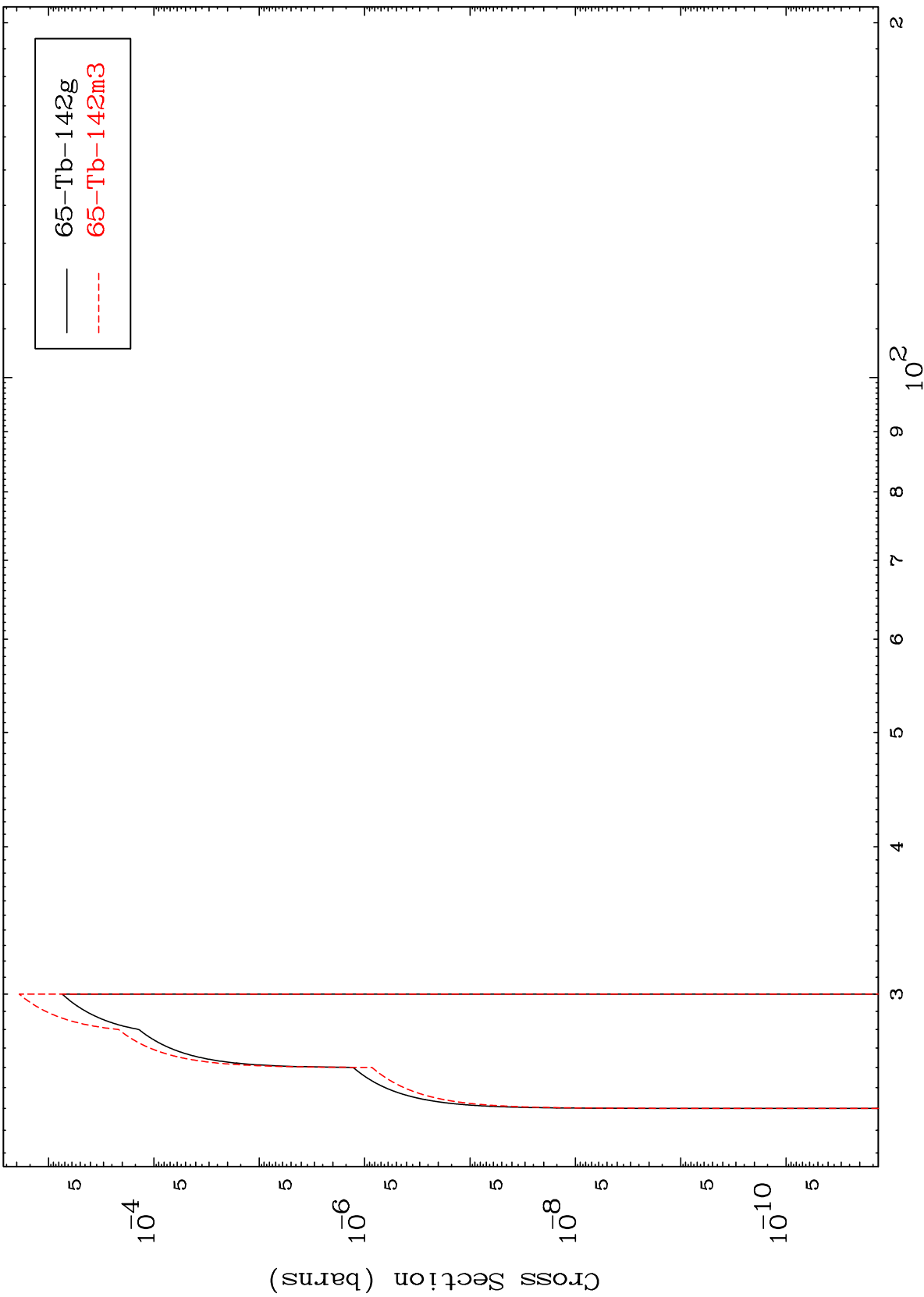
65-Tb-144

MAT 6480

(n,2n) p

65-Tb-144

Radionuclide Production Cross Section



17

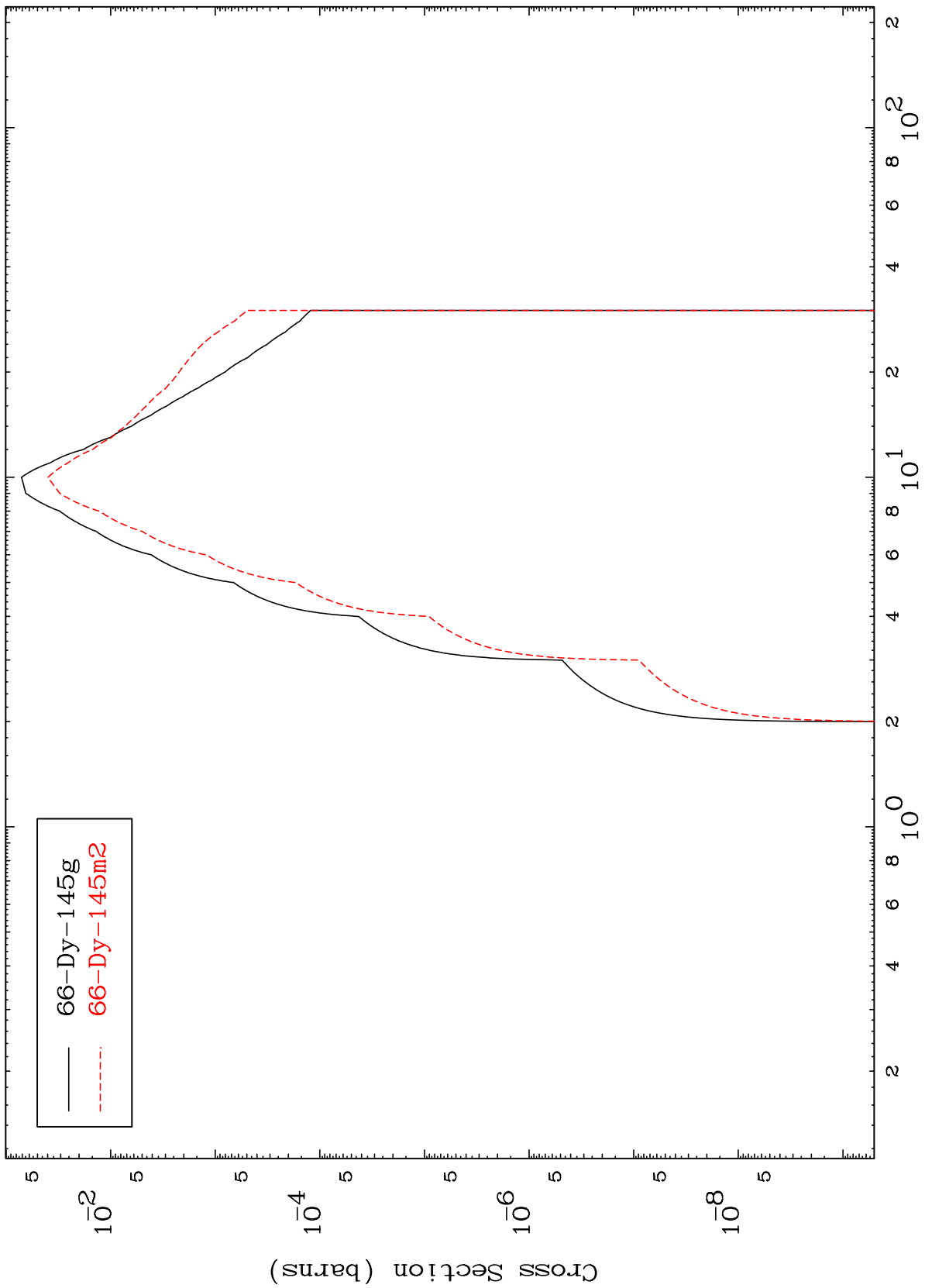
Incident Energy (MeV)

65-Tb-144

MAT 6480

65-Tb-144

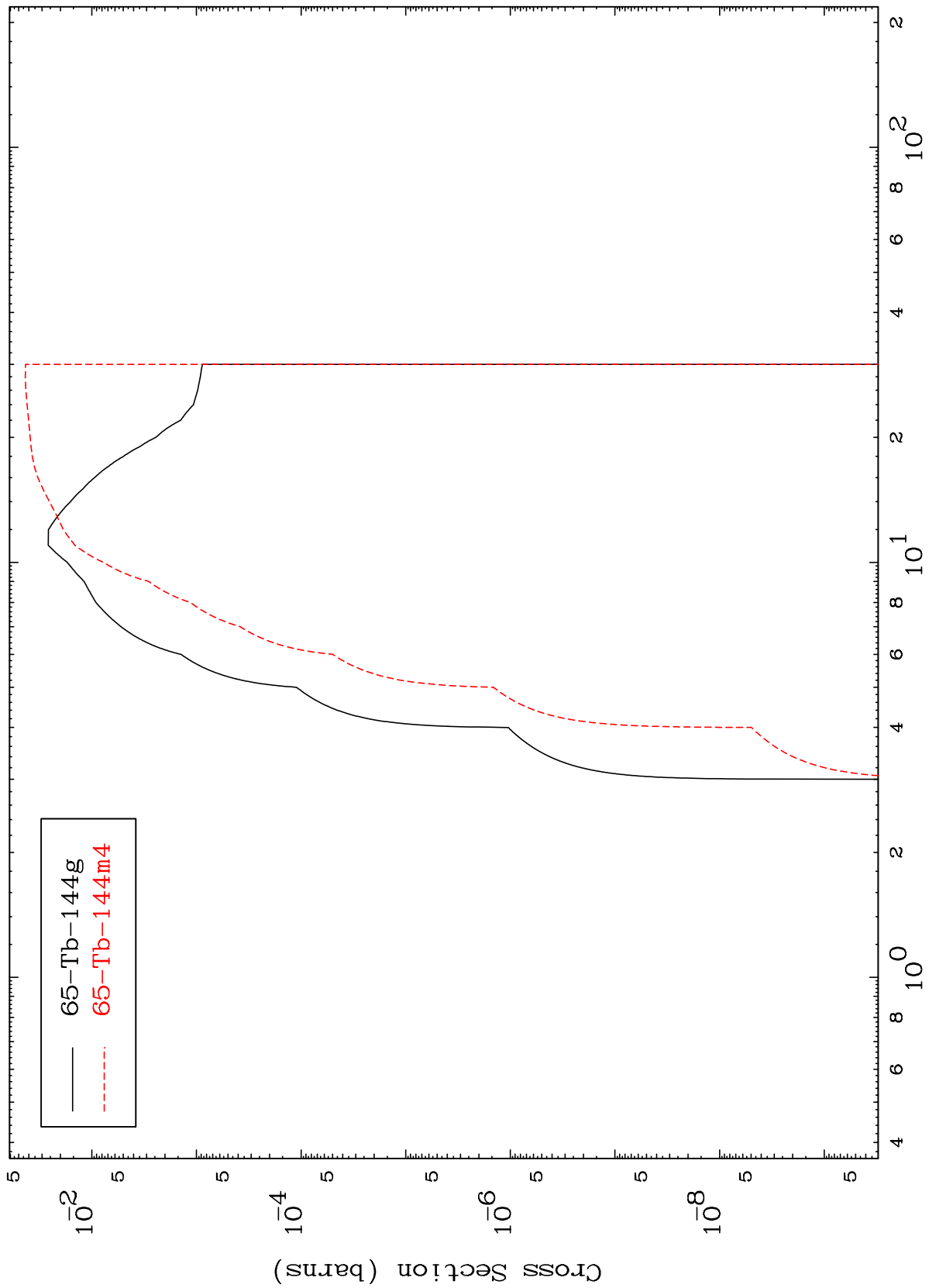
(n,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 6480

65-Tb-144

(n,p)  
Radionuclide Production Cross Section



19

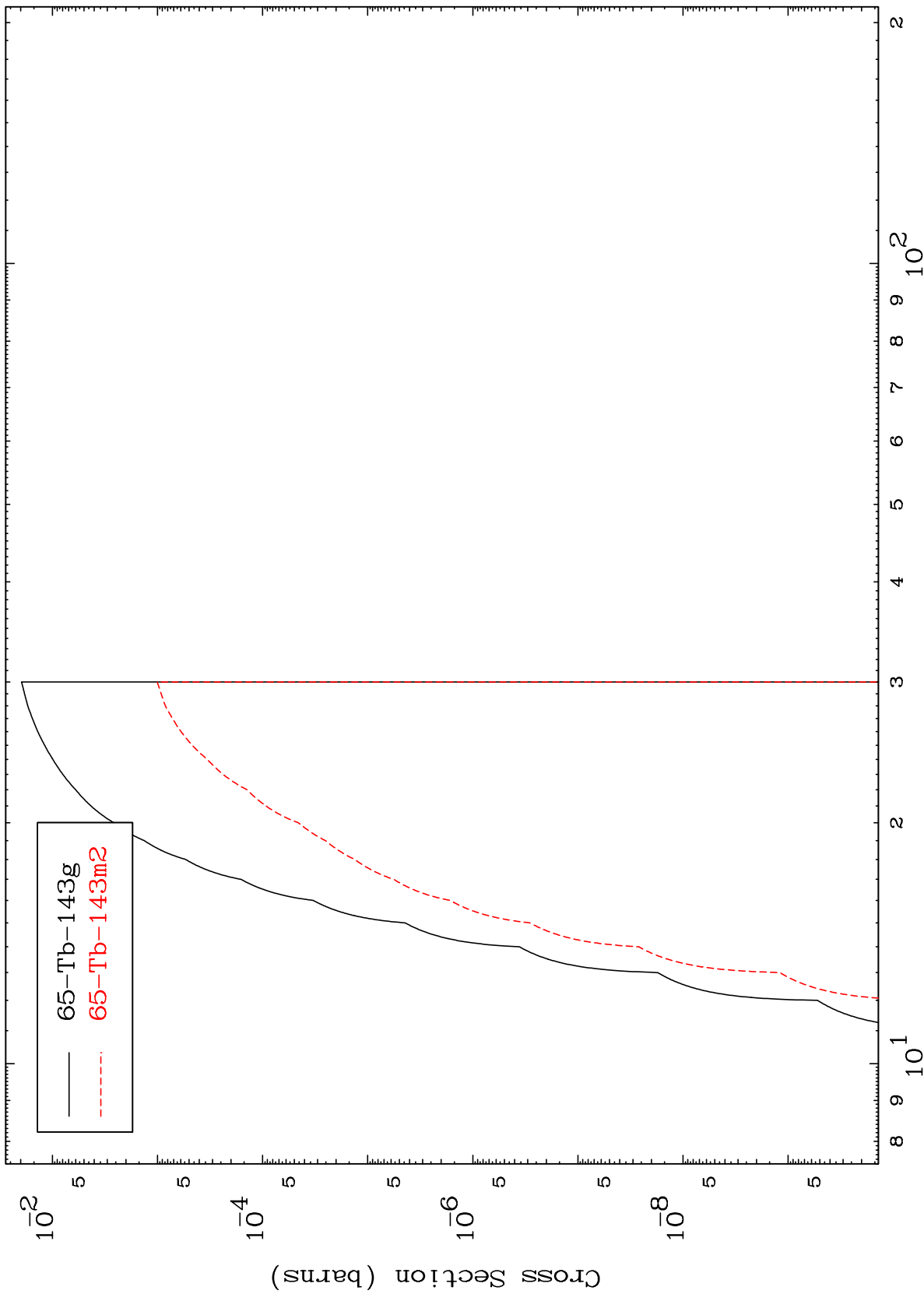
Incident Energy (MeV)

65-Tb-144

MAT 6480

65-Tb-144

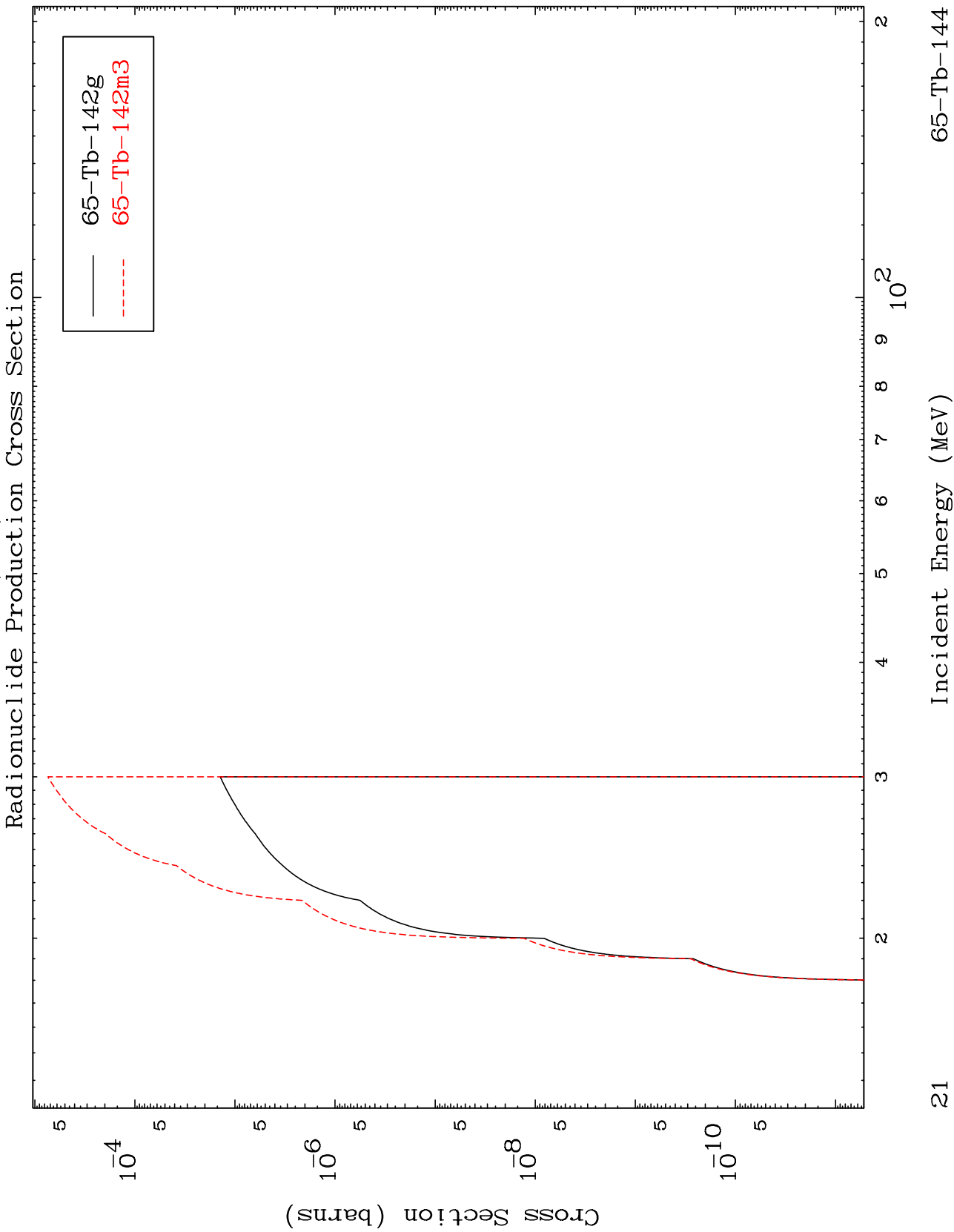
(n,d)  
Radionuclide Production Cross Section



65-Tb-144

Incident Energy (MeV)

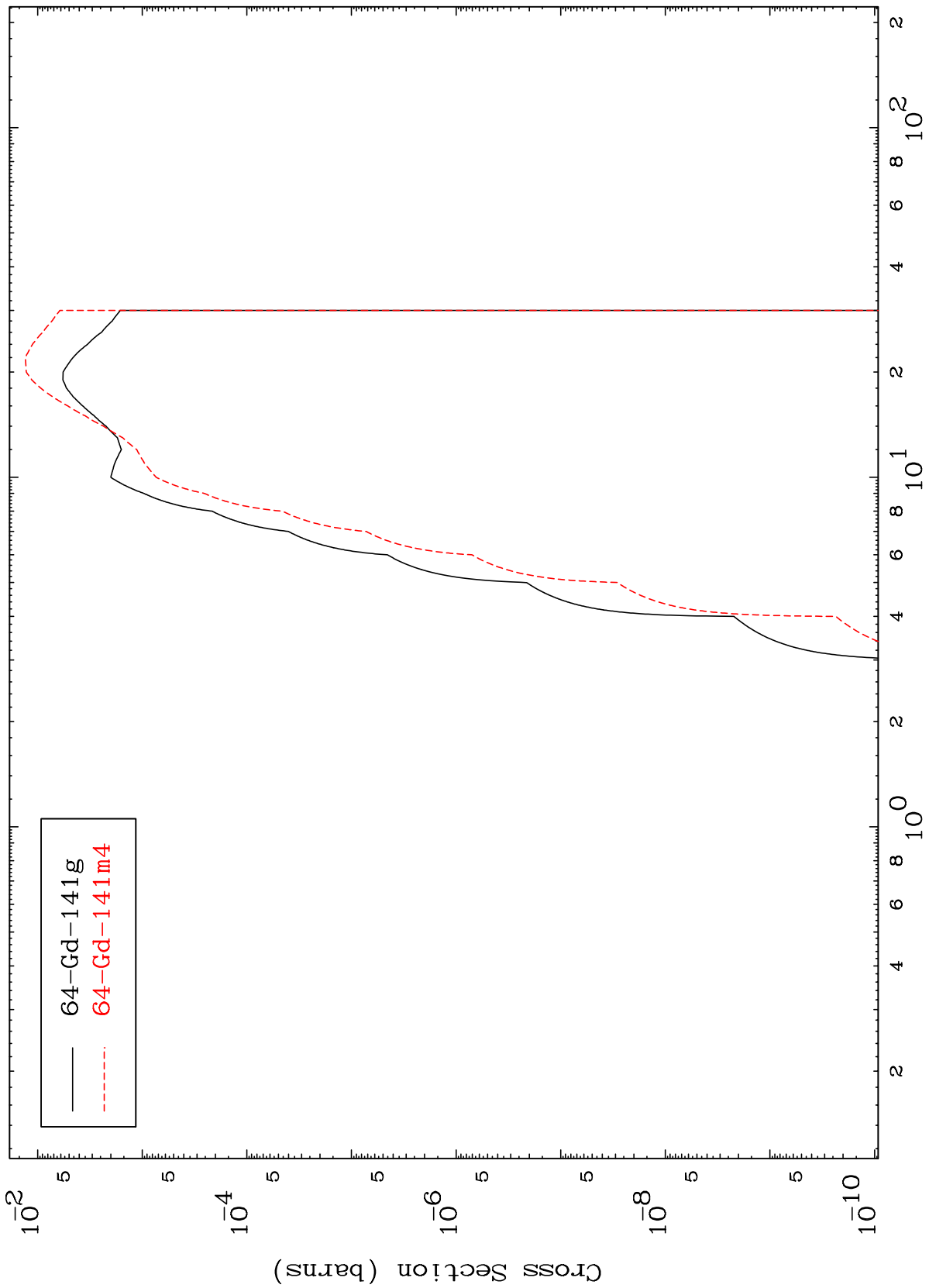
20



MAT 6480

65-Tb-144

(n,  $\alpha$ )  
Radionuclide Production Cross Section



65-Tb-144

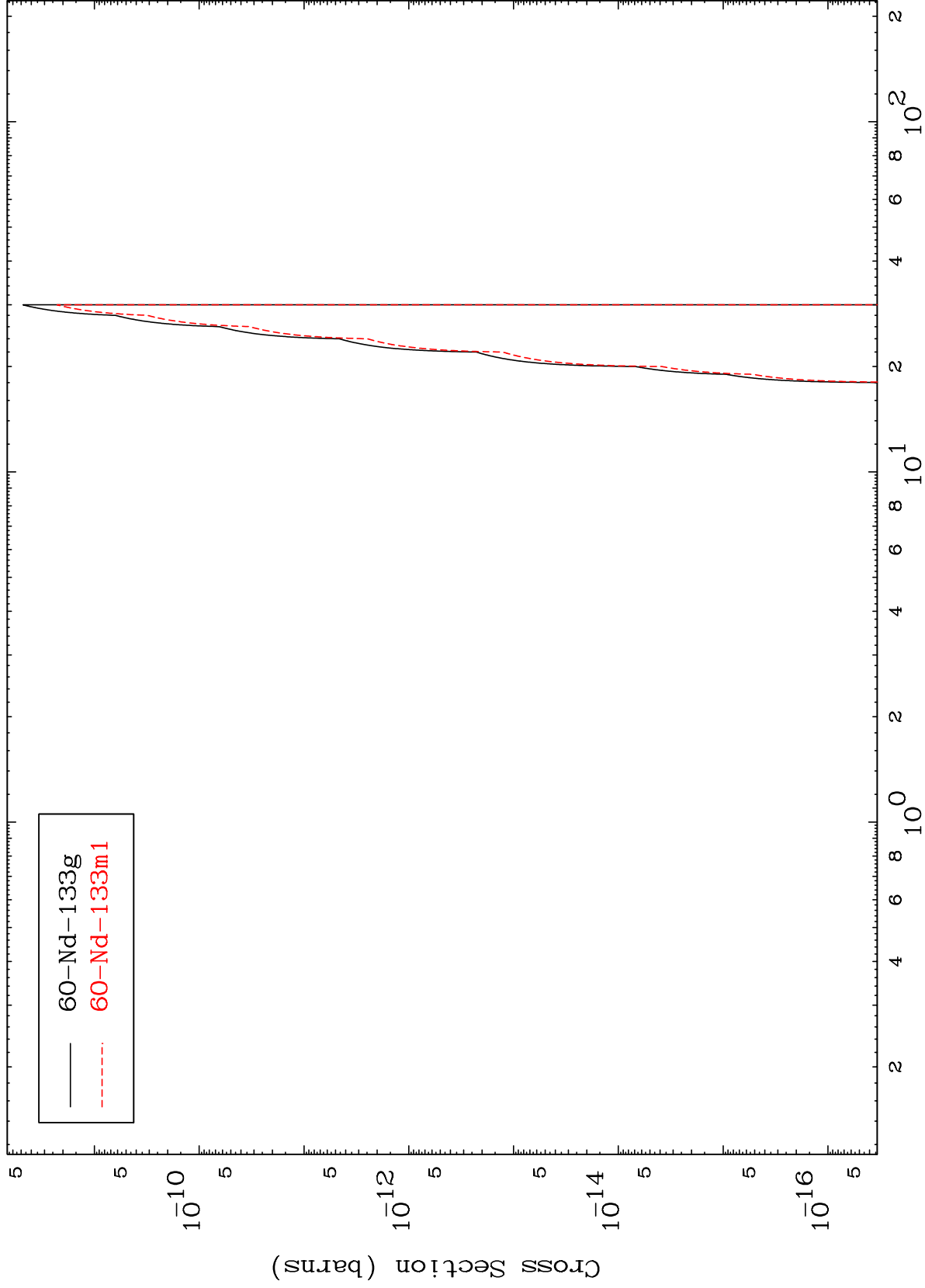
Incident Energy (MeV)

MAT 6480

(n, 3α)

65-Tb-144

Radionuclide Production Cross Section



23

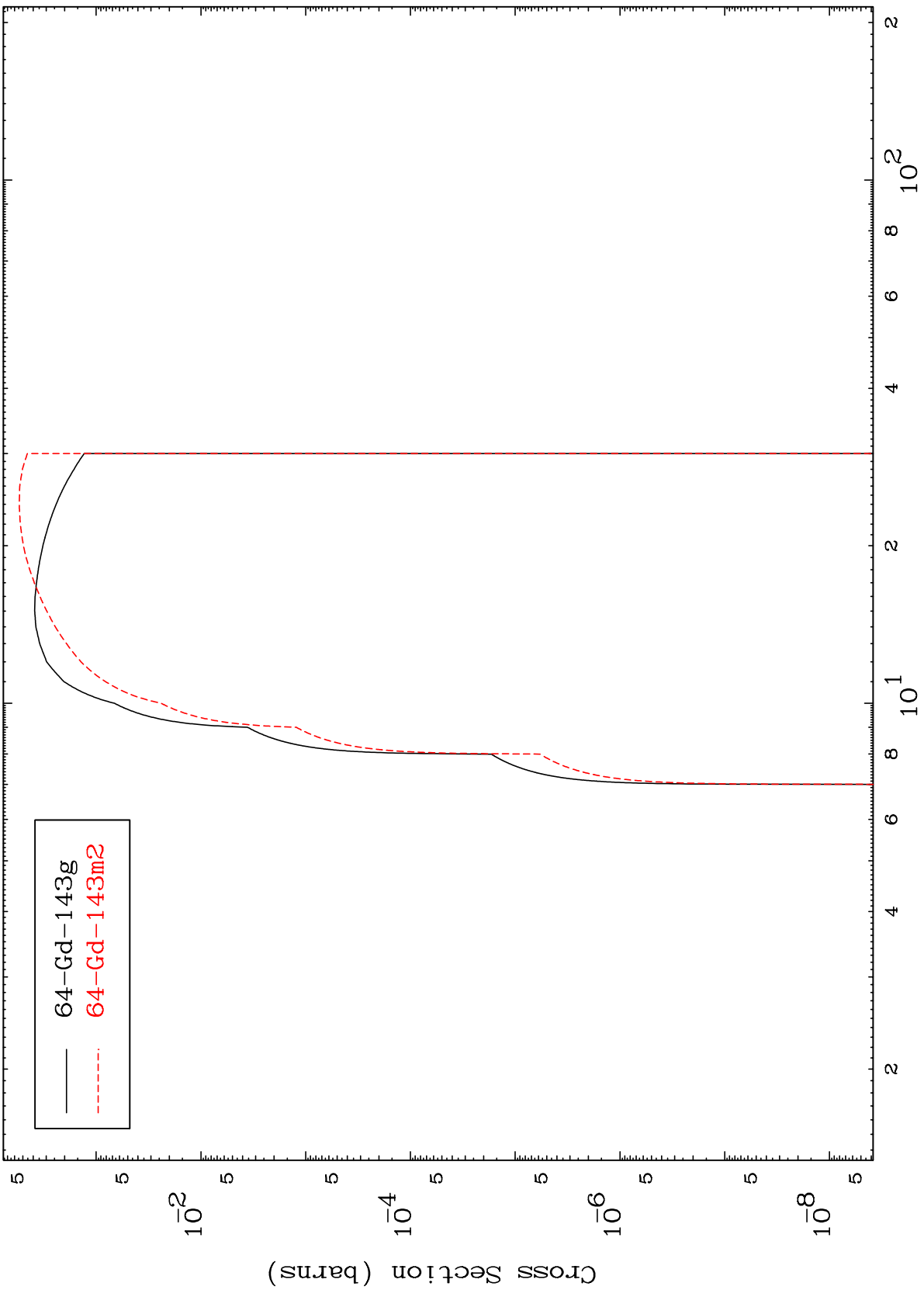
Incident Energy (MeV)

65-Tb-144

MAT 6480

65-Tb-144

(n,2p)  
Radionuclide Production Cross Section



24

65-Tb-144

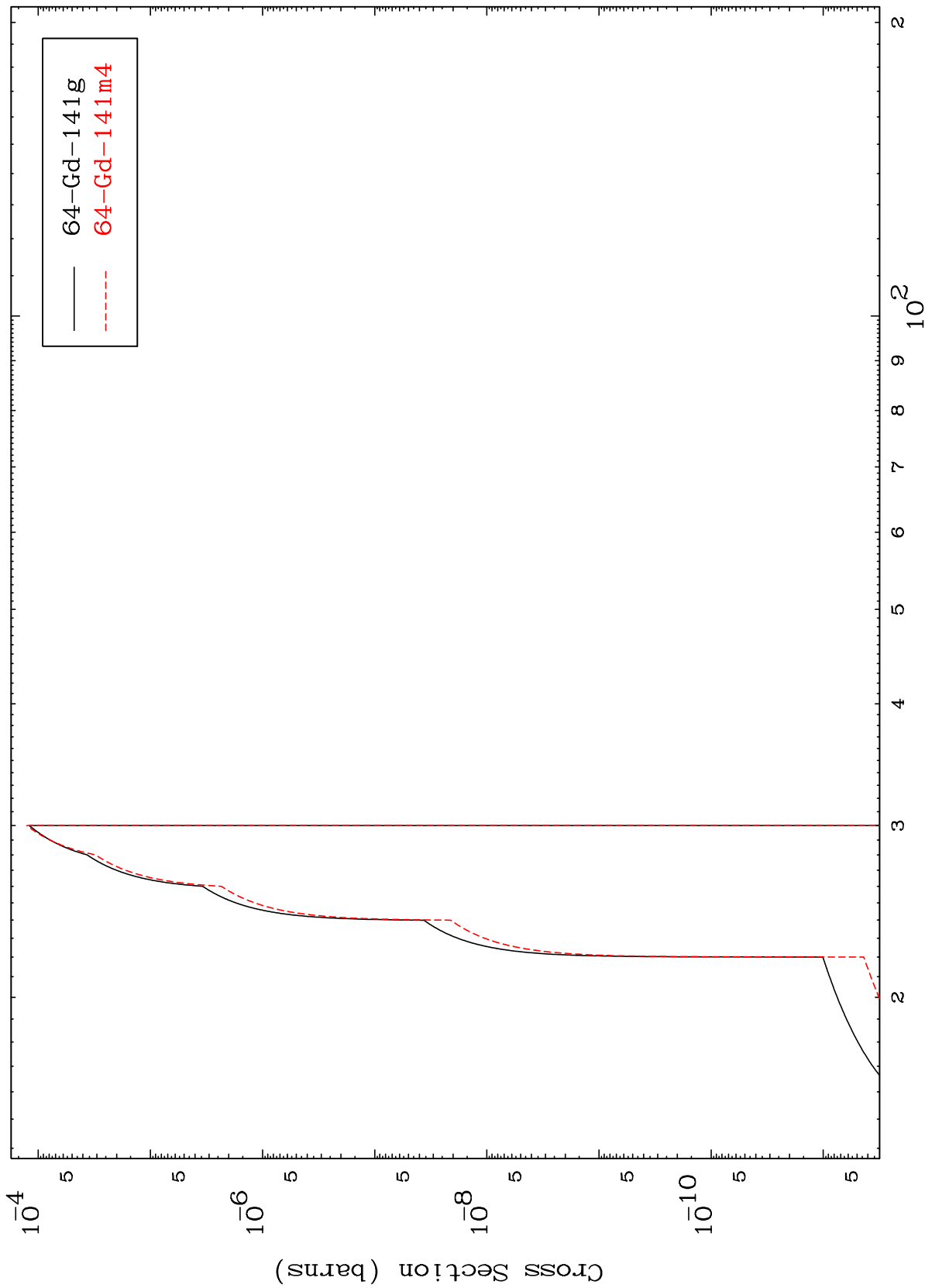
Incident Energy (MeV)

MAT 6480

(n,p) t

65-Tb-144

Radionuclide Production Cross Section



25

Incident Energy (MeV)

65-Tb-144